INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/014239

A. CLASSIFIC Int.Cl	CATION OF SUBJECT MATTER OG 3H1/02			
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum docum Int.Cl	nentation searched (classification system followed by cla G03H1/02	assification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1926-1996 Toroku Jitsuyo Shinan Koho 1994-2004 Kokai Jitsuyo Shinan Koho 1971-2004 Jitsuyo Shinan Toroku Koho 1996-2004 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
C. DOCUMEN	NTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
X Y A	JP 2002-221621 A (Sony Corp.), 09 August, 2002 (09.08.02), Full text; all drawings; particularly, Par. Nos. [0034] to [0036] (Family: none)		1-3 4-5 6	
X A	JP 2001-281643 A (NEC Corp.) 10 October, 2001 (10.10.01), Full text; all drawings; part [0021] to [0023] (Family: none)		1-5 6	
Y	JP 9-62172 A (Dainippon Prin 07 March, 1997 (07.03.97), Full text; all drawings; particularly, Claims 1, 5, 7 (Family: none)	ting Co., Ltd.),	1-3	
× Further do	ocuments are listed in the continuation of Box C.	See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is considered to involve an inventive step when the document is 		
"P" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed		combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family		
	al completion of the international search ember, 2004 (21.12.04)	Date of mailing of the international sear 11 January, 2005 (1		
Name and mailing address of the ISA/ Japanese Patent Office		Authorized officer		
Facsimile No.		Telephone No.		

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). DOCUMENTS CONSIDERED TO BE RELEVANT	T
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 3-220503 A (Fujitsu Ltd.), 27 September, 1991 (27.09.91), Full text; all drawings; particularly, page 3, upper right column, line 15 to page 4, lower left column, line 6 (Family: none)	1-5
Y	<pre>JP 2001-5368 A (Mitsubishi Chemical Corp.), 12 January, 2001 (12.01.01), Full text; all drawings; particularly, Claims 1 to 2, 6 (Family: none)</pre>	5
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